

AMENDMENTS TO THE CLAIMS:

Kindly amend claims 1-14, as shown below.

This listing of claims will replace all prior versions and listings of claims in the Application:

Claim 1 (currently amended): A fuel cell comprising:

a unit cell that includes a solid electrolyte membrane, a fuel electrode and an oxidizer electrode disposed on the solid electrolyte membrane;

~~a heating means heater that heats for heating~~ the unit cell; and

~~a fuel supplying system that supplies for supplying~~ fuel to the fuel electrode,
wherein the ~~heating means heater~~ is provided in contact with the unit cell,

~~part of the fuel is supplied from the fuel supplying system to the heating means heater~~
and

~~[[the]] heat generated when the fuel supplied to the heating means heater is combusted~~
by the ~~heating means heater~~ is conducted to the unit cell so that the unit cell is heated.

Claim 2 (currently amended): The fuel cell according to claim 1,

wherein the ~~heating means heater~~ comprises a heating element and a heat conductor
provided in contact with the heating element.

Claim 3 (currently amended): The fuel cell according to claim 1 [[or 2]],

wherein the ~~heating means heater~~ includes a heating catalyst used for combusting the
fuel.

Claim 4 (currently amended): The fuel cell according to claim 1 any one of claims 1 to 3,

wherein the ~~heating means heater~~ is provided in contact with the oxidizer electrode.

Claim 5 (currently amended): The fuel cell according to claim 1 any one of claims 1 to 4,

wherein liquid fuel is supplied directly to the fuel electrode.

Claim 6 (currently amended): The fuel cell according to claim 1 any one of claims 1 to 5, further comprising:

a plurality of unit cells;

a plurality of first electrodes that are provided on one side of the solid electrolyte membrane; and

a plurality of second electrodes that are provided on the other side of the solid electrolyte membrane, where one second electrode is disposed opposite to one first electrode,

wherein a unit cell is composed of a pair of a first electrode and a second electrode opposed to each other, and [[the]] a solid electrolyte membrane, and

the heating means heater heats a plurality of the unit cells.

Claim 7 (currently amended): The fuel cell according to claim 6, further comprising:

a temperature-measuring means that measures sensor for measuring a heating temperature in the heating means heater or a temperature of the fuel cell; and

a control means that controls controller for controlling supply of fuel from the fuel supplying system to the heating means heater based on the temperature measured by the temperature-measuring means sensor.

Claim 8 (currently amended): The fuel cell according to claim 6 [[or 7]],

wherein the heating means heater is provided in contact with the solid electrolyte membrane.

Claim 9 (currently amended): The fuel cell according to claim 6 [[or 7]],

wherein the heating means heater is provided in contact with a plurality of the first electrodes.

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Claim 10 (currently amended): The fuel cell according to claim 1 any one of claims 1 to 9, further comprising:

a fuel ~~recovering means that recovers~~ recoverer for recovering the fuel having passed through the fuel electrode into the heater heating means.

Claim 11 (currently amended): The fuel cell according to claim 6 [[or 7]],

wherein the fuel supplying system comprises a high-concentration fuel ~~supplying means~~ that supplies supplier for supplying fuel having concentration higher than that of fuel supplied to the fuel electrode to the heater heating means.

Claim 12 (currently amended): The fuel cell according to claim 11, further comprising:

a fuel ~~mixing means that mixes~~ mixer for mixing high-concentration fuel supplied from the high-concentration fuel ~~supplying means~~ supplier and fuel supplied to the fuel electrode.

Claim 13 (currently amended): The fuel cell according to claim 6 [[or 7]], further comprising:

a heating temperature control means that controls controller for controlling the heating temperature of the heating means heater by cooling water.

Claim 14 (currently amended): The fuel cell according to claim 6 [[or 7]], further comprising:

an oxidizer supplying means that supplies supplier for supplying an oxidizer to the heater heating means.

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